



## PATENT ABSTRACTS OF JAPAN

(11) Publication number: 59209609 A

(43) Date of publication of application: 28.11.1984

(51) Int. Cl. B01D 13/00  
B01D 53/22, C08G 18/72

(21) Application number: 58081769

(22) Date of filing: 12.05.1983

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(54) PERMSELECTIVE MEMBRANE

brane comprising this polymer.

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(57) Abstract:

PURPOSE: To provide a permselective membrane for selectively separate and concentrating oxygen in the air, constituted of a polymer consisting of a specific polyisocyanate component and a polyamine component having a plurality of amino groups.

CONSTITUTION: A polyisocyanate component represented by formula I [wherein  $R_2$  and  $R_3$  are a hydrocarbon group, a fluorinated hydrocarbon group or  $(-CH_2-)_n$  X-NCO (wherein X is a single bond or a group),  $R_1$  and  $R_4$  are a monovalent hydrocarbon group, a monovalent fluorinated hydrocarbon group or -OR and I is an integer of 1W250] is prepared. This component is reacted with a polyamine component having a plurality of amino groups to form a siloxane-containing polyurea polymer. Oxygen in the air is selectively separated and concentrated by the permselective mem-

